Bruhat Bangalore Mahanagara Palike

Name of Work: Construction of CC roads in Attur ward no:04Yelahanka Satellite Town Sub Division

Estimate Cost: 20.00 Lakhs

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Bruhat Bangalore Mahanagara Palike

Executive Engineer Yelahanka Division

Name of Work: Construction of CC roads in Attur ward no:04Yelahanka Satellite Town Sub Division

						Estimate Cost		20.00 Lakhs
Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
Dismantling of **cement concrete pavement** by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separatel (V-III Page No.10, Item No.2.19 of PWD SR 2021-22)								
Basic Rate	422.00							
Area Weightage 10%	42.20							
Total Rate	464.20							
Attur								
Cross Rd-1	1	60.00	4.10	0.35	86.10			
Cross Rd-2	1	75.00	4.00	0.40	120.00			
Cross Rd-3	1	55.00	4.30	0.40	94.60			
					300.70			
Deduct 35% Voids/Damaged					105.25			
					195.46	Cum	464.20	90,730.21
Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) **Mix 1:3:6 (M10) Using 40 mm** nominal size graded crushed coarse aggregates (V-1, P.No-15, I No-2.1.3 of PWD SR 2021-22)(Issue rate on 07-07-22)								
Basic Rate	5554.00							
Area Weightage 10%	555.40							
Total Rate	6109.40							
CC Road								
Attur								
Cross Rd-1	1	60.00	4.10	0.15	36.90			
Cross Rd-2	1	75.00	4.00	0.15	45.00			
Cross Rd-3	1	55.00	4.30	0.15	35.48			
					117.38	Cum	6109.40	717090.83
Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 **M30 (Grade)**, coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work.(V-III, P.No-138,I No-20.29, KPWD SR 2021-22).(Issue rate on 07-07-22)								
Basic Rate	6512.00							
Area Weightage 10%	651.20							
Total Rate	7163.20							
Attur								
Cross Rd-1	1	60.00	4.10	0.15	36.90			
Cross Rd-2	1	75.00	4.00	0.15	45.00			
Cross Rd-3	1	55.00	4.30	0.15	35.48			
					117.38	Cum	7163.20	840780.60
4 **Cost of Haulage Excluding Loading** and Unloading Taking output 10 t load and lead 10 km = 100 t.km(V-III Page No.3, Item No.1.4A of PWD SR 2021-22)								
Basic Rate	12.00							
8KM Lead = 12*8	96.00							
Area Weightage 10%	9.60							
Total Rate	105.60							
Qty frm Item No-1		195.5	2.10		410.46			
					410.46	t.Km	105.60	43,344.10

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Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
							Total Construction Cost	1691945.74
							18% GST for Construction Cost	304550.23
							Sub Total	1996495.97
							Utility Shifting,Miscellaneous and Rounding off	3,504.03
							GRAND TOTAL	2000000.00

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2021-2022, issue rates dated 07-07-2022 and Data Rates

Assistant Engineer
Ward No-04
BBMP Bangalore

Asst. Executive Engineer,
Yelahanka Satellite Town Sub Division
BBMP Bangalore

Executive Engineer,
Yelahanka Division
BBMP Bangalore

Administrative Approval
Accorded For Rs. 20.00 Lakh
Head of A/C P-3726
CER NO :75 Dt:22/8/2022

TA

CE (YNK)

TECHNICALLY SANCTIONED FOR Rs. 20.00 Lakh
Rupees Twenty lakhs only
Under P-3726
Zonal Public Works
Registered as CE ( ) No. 99
Subject to conditions contained in enclosed memo EE ( ) No. /9/
Dt. 23/8/2022 Estimate A/ Sanctioned
BBMP/EE/YNK-D/TS/46/22-23 No. 46
Dated 23/8/2022 Rs. 20.00 Lakh

Executive Engineer

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